PAT-NO: JP02003308145A

DOCUMENT-
IDENTIFIER: JP **2003308145** A

TITLE: METHOD FOR CHANGING GRAPHIC USER INTERFACE AND
RECORDING MEDIUM THEREFOR

PUBN-DATE: October 31, 2003

INVENTOR-INFORMATION:

NAME   COUNTRY

YOON, JEONG-KWAN N/A

ASSIGNEE-INFORMATION:

NAME   COUNTRY

SAMSUNG ELECTRONICS CO LTD N/A

APPL-NO: JP2003050119
APPL-DATE: February 26, 2003

PRIORITY-DATA: 2002200210187 (February 26, 2002)

INT-CL (IPC): G06F003/00

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a method for changing a graphical user interface (GUI) by
which a screen can be reconstituded in real time, and the reusability of a development code can be
enhanced by separating a function to be provided on the screen from a GUI part.

SOLUTION: The method for changing a graphical user interface (GUI) comprises a step for storing
the attribute information of each component configuring the GUI and program execution data for
reading the attribute information, and for picture- displaying the GUI in real time by discriminating
them from each other, a step for displaying the attribute information from among the stored attribute
information on a screen window in response to a request, and for receiving the input of the change of
the attribute value through this, and for updating the attribute information, and a step for executing the
GUI display program, and for reading the changed attribute information, and for displaying the changed
GUI corresponding to this. Thus, it is possible to solve the inconvenience of the correction of a resource

file or the correction of the screen requested to a developer for changing the screen layout of the program, and to change the component attribute of the GUI through an XML file and an attribute window without any trouble.

COPYRIGHT: (C)2004,JPO